U.S. Palent and Trademark Office; U.S. DEPARTMENT OF COMMERCE.

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of Information unless it displays a valid OMB control number. PATENT APPLICATION FEE DETERMINATION RECORD Application or Docket Number Substitute for Form PTO-87.5 8100. CLAIMS AS FILED - PART I (Column 1) (Column 2) OTHER THAN SMALL ENTITY QR SMACLENTITY **FOR** NUMBER FILED BASIO FEE (37 CFR 1.16(a)) NUMBER EXTRA RATE RATE FEE TOTAL CLAIMS (37 CFR 1.16(0)) OR minus 20 = INDEPENDENT CLAIMS X \$ (37 CFR 1.16(b)) OR minus 3 = MULTIPLE DEPENDENT CLAIM PRESENT ... ÖR X \$ 86 = (37 CFR 1.16(d)) \* If the difference in column 1 is less than zero, enter \*0° in column 2. OR TOTAL OR CLAIMS AS AMENDED - PART II (Column 1) (Column 2) (Oolumn 3) OTHER THAN SMALL ENTITY OR CLAIMS HIGHEST SMALL ENTITY REMAINING NUMBER PREVIOUSLY ENT PRESENT AFTER-RATE ADDI: EXTRA AMENDMENT RATE ADDI-PAID FOR TION Total (37 CFR 1.16(c)) ENDM TIONAL FEE Minus Independent (37 CFR 1.16(b)) Minus OR × s\_*9[]=* 100 X \$ FIRST PRESENTATION OF MULTIPLE DEPENDENT CLAIM (37 CFR 1.16(d)) x \$200= OR 400 OB :1 - 5. TOTAL TOTAL ADD'L FEE OR ADD'U FEE 500 (Column 1) (Column 2) (Column, 3) CLAIMS co. HIGHEST REMAINING FINE NUMBER PRESENT RATE AFTER AMENDMENT ADDI-PREVIOUSLY EXTRA RATE TIONAL ADDI PAID FOR Total AMENDM TIONAL FEE. PEE Minus Independent (37 CFR 1.16(b)) Minus OR X \$ FIRST PRESENTATION OF MULTIPLE DEPENDENT CLAIM (37 CFR'1.15(d)) OR OR 4.5 TOTAL TOTAL ADD'L FEE OR ADD'L FEE. (Column 1) (Column 2) (Column 3) CLAIMS HIGHEST REMAINING. NUMBER PRESENT AFTER AMENDMENT RATE ADDI-PREVIOUSLY EXTRA RATE ADDI-TIONAL PAID FOR (37 CFR 1.16(c)) TIONAL Minus-END FEE Independent Minus OR FIRST PRESENTATION OF MULTIPLE DEPENDENT CLAIM (37 CFR 1.16(d)) ÖR OR TOTAL If the entry in column 1 is less than the entry in column 2, write "0" in column 3.

If the "Highest Number Previously Paid For IN THIS SPACE is less than 20, enter "20". TOTAL ADD'L FEE OR ADD'L FEE If the "Highest Number Previously Paid For IN THIS SPACE is less than 3, enter "3".

The 'Highest Number Previously Paid For" (Total or Independent) is the highest number found in the appropriate box in column 1. This collection of information is required by 37 CFR 1.16. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 12 minutes to complete, control of process) an application. Confidentiality is governed by 35 0.5.0. 122 and 37 CFR 1.14. This collection is estimated to take 12 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313, 1450, DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS, SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450